

Figure 1

Figure 2

Solution absorption spectra (THF solvent)

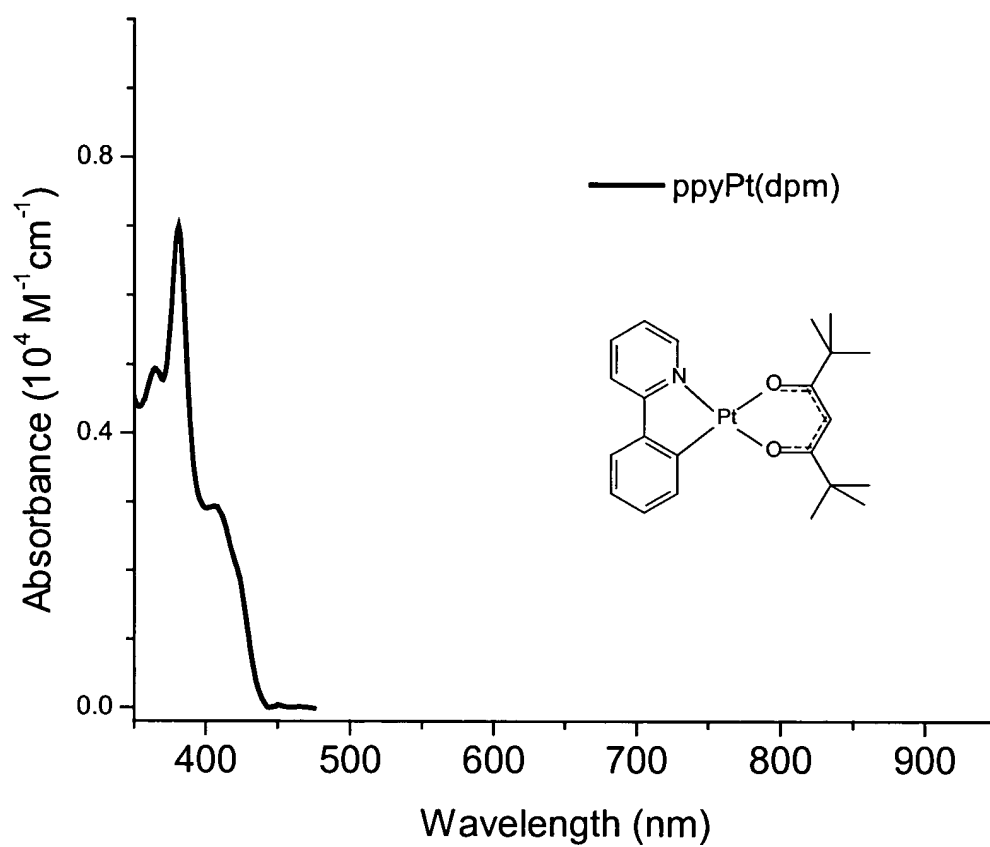


Figure 3

Solution absorption spectra (THF solvent)

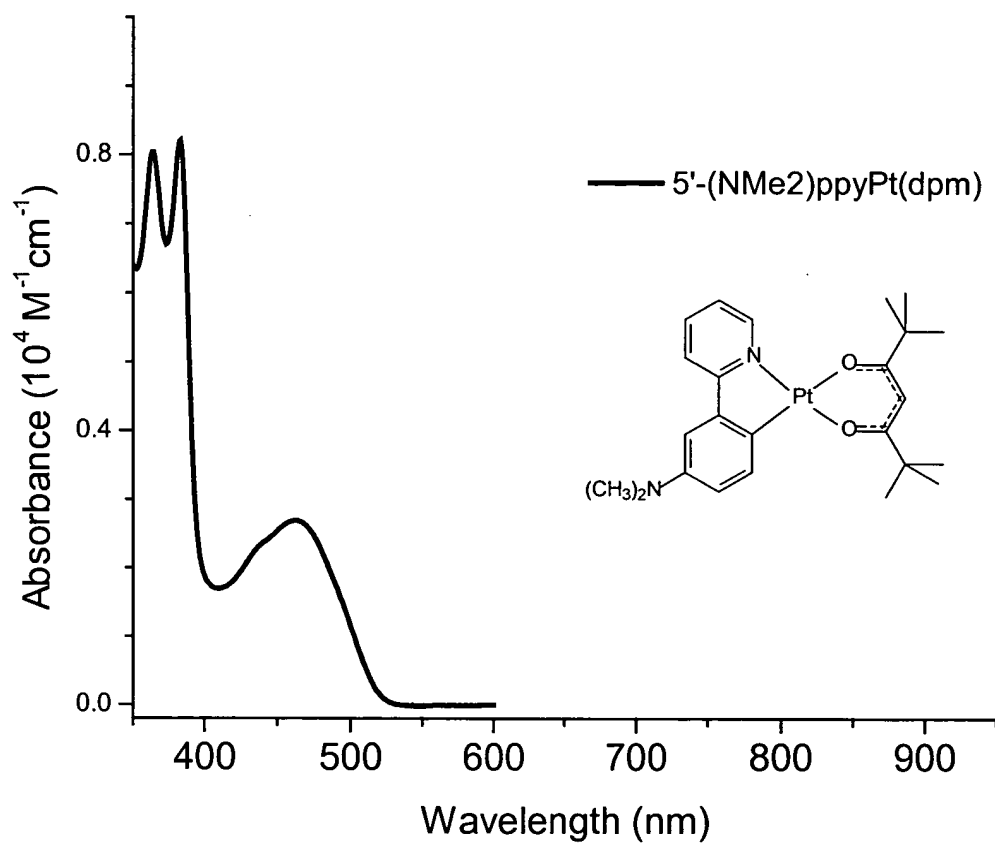


Figure 4

Solution absorption spectra (THF solvent)

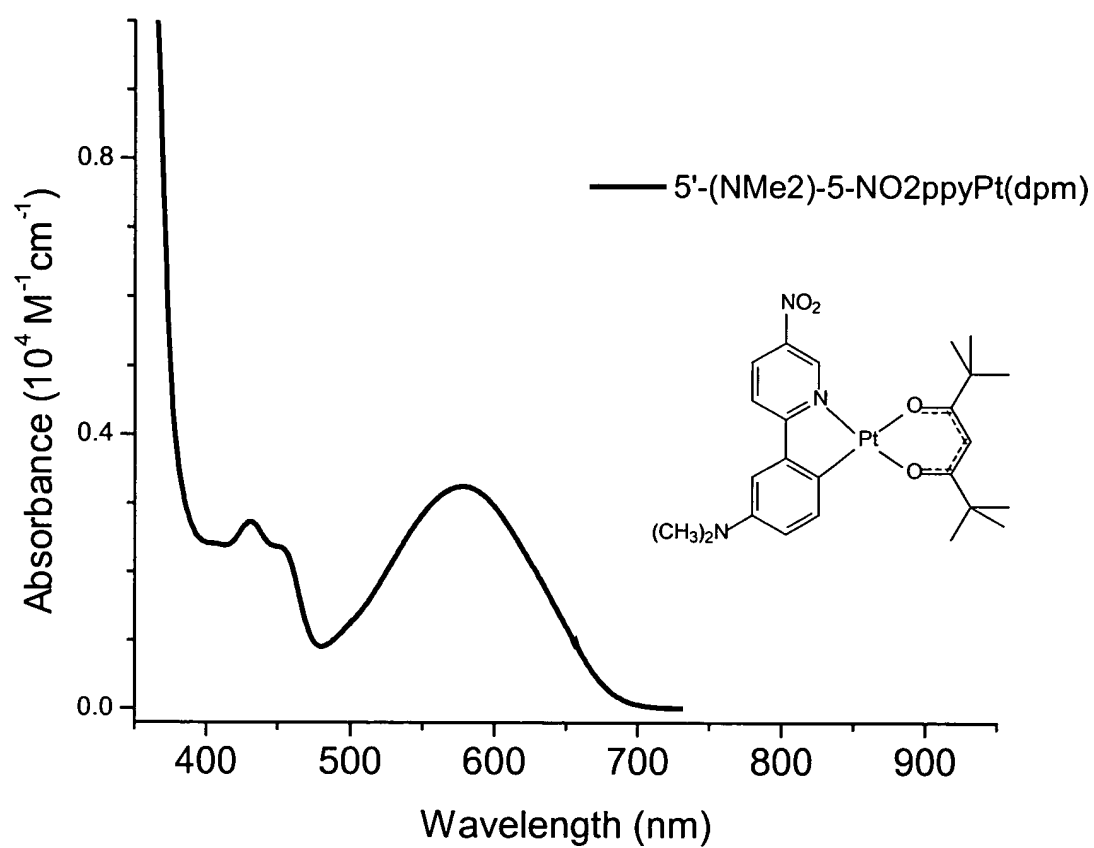


Figure 5

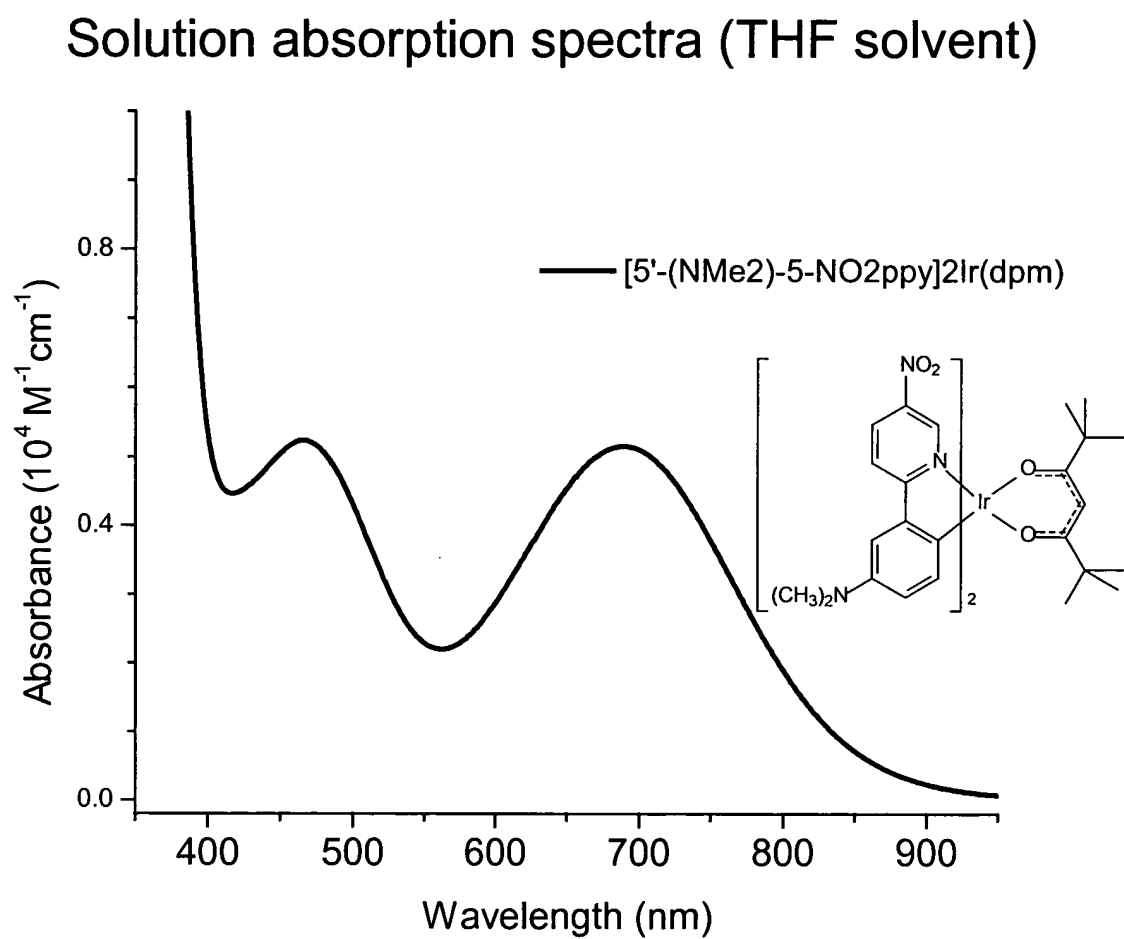


Figure 6

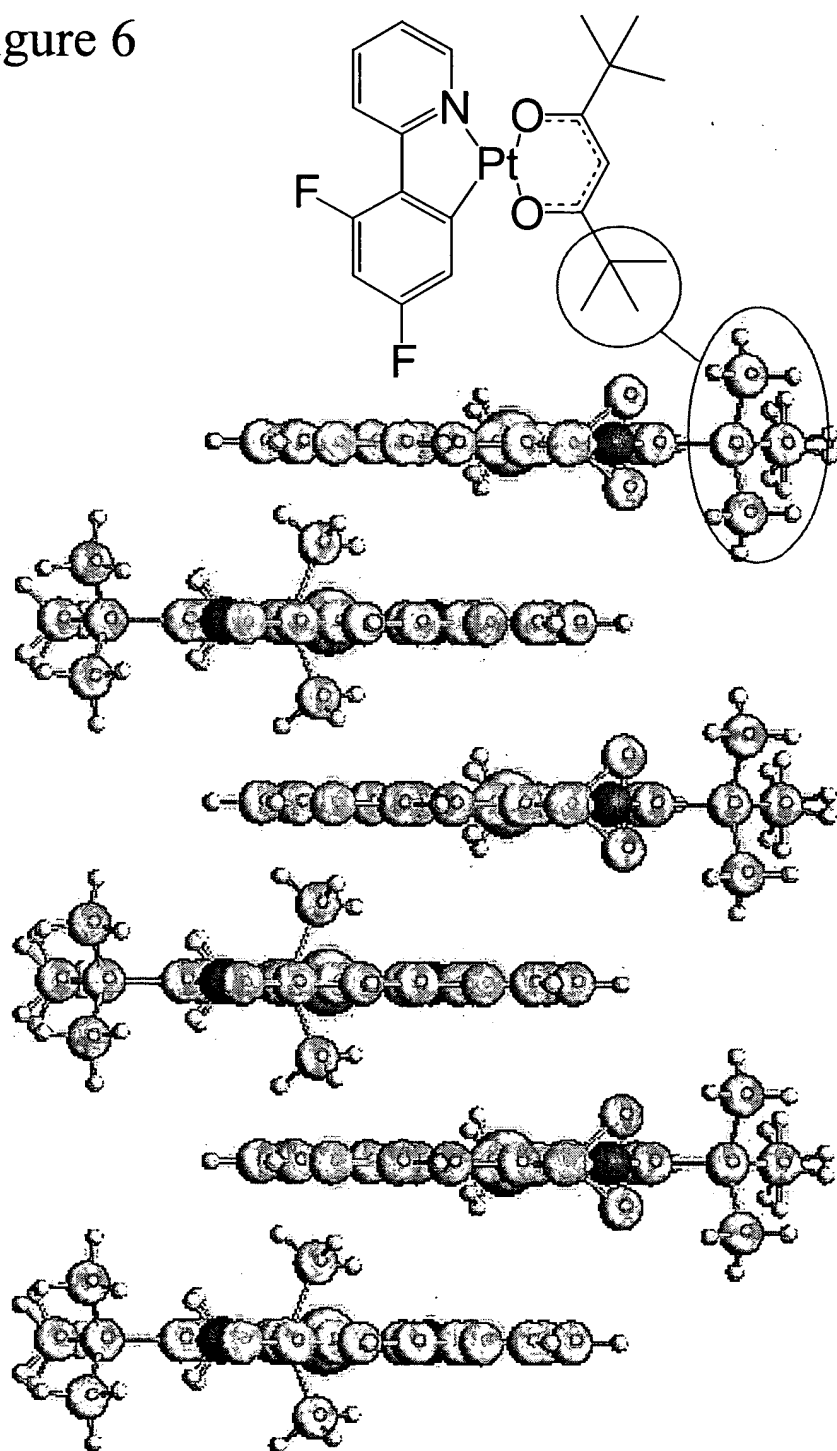


Figure 7

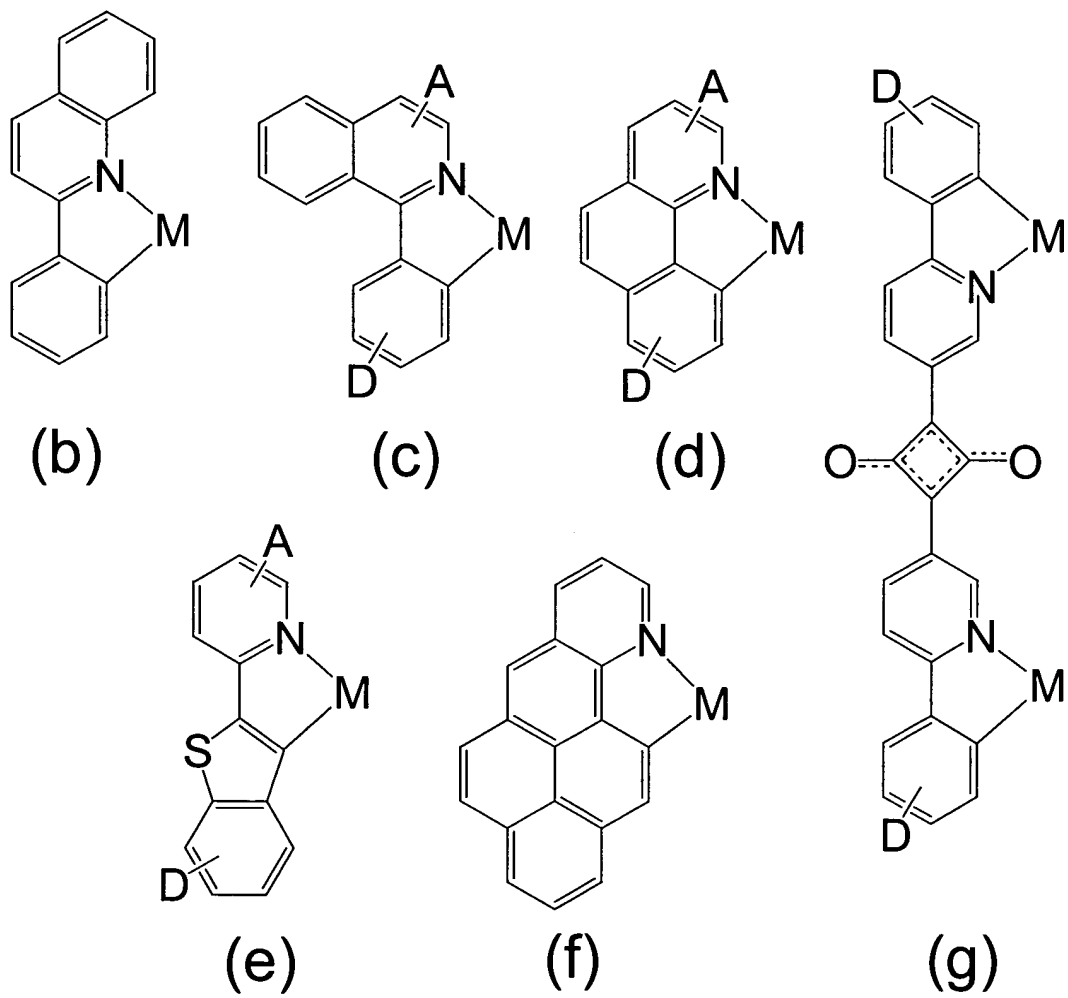
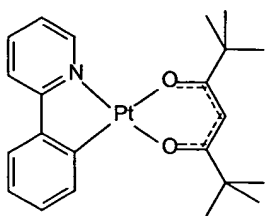
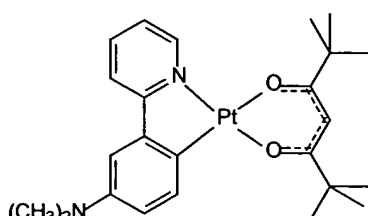


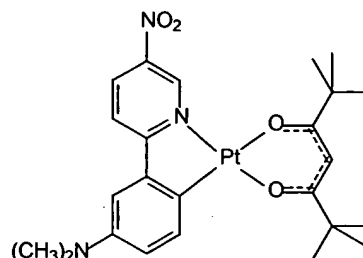
Figure 8



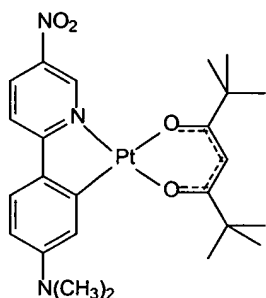
(ppy)Pt(dpm)



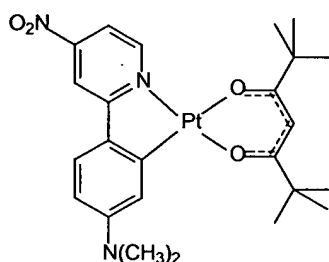
(5'-N(CH₃)₂ph-pyr)Pt(dpm)



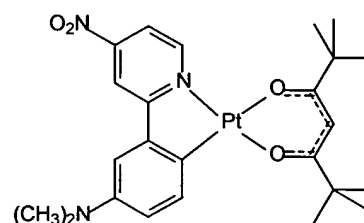
(5'-N(CH₃)₂ph-5-NO₂pyr)Pt(dpm)



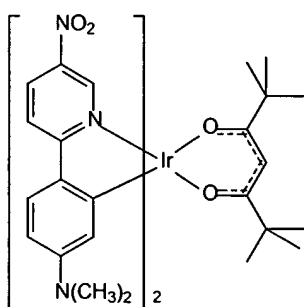
(4'-N(CH₃)₂ph-5-NO₂pyr)Pt(dpm)



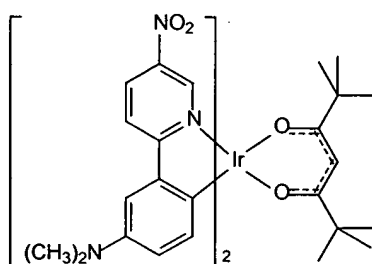
(4'-N(CH₃)₂ph-4-NO₂pyr)Pt(dpm)



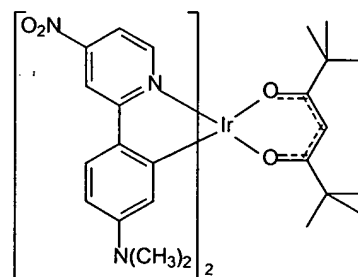
(5'-N(CH₃)₂ph-4-NO₂pyr)Pt(dpm)



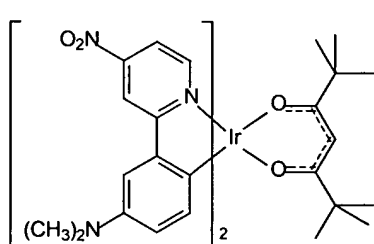
(4'-N(CH₃)₂ph-5-NO₂pyr)₂Ir(dpm)



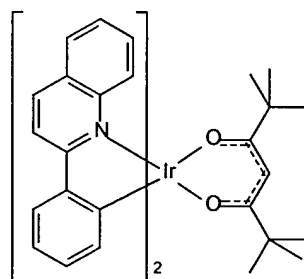
(5'-N(CH₃)₂ph-5-NO₂pyr)₂Ir(dpm)



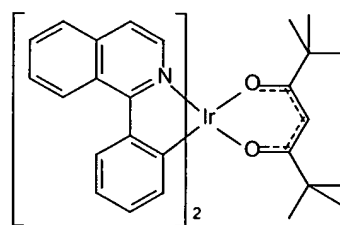
(4'-N(CH₃)₂ph-4-NO₂pyr)₂Ir(dpm)



(5'-N(CH₃)₂ph-4-NO₂pyr)₂Ir(dpm)



(pq)₂Ir(dpm)



(ipq)₂Ir(dpm)

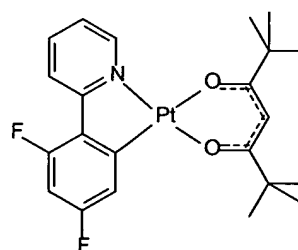
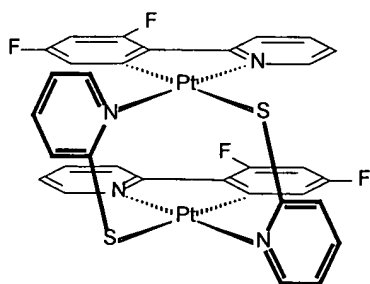
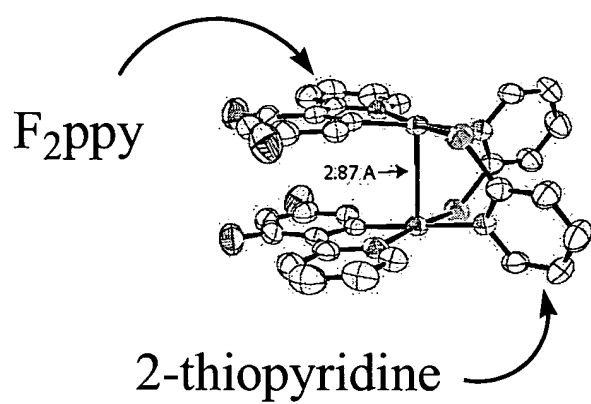
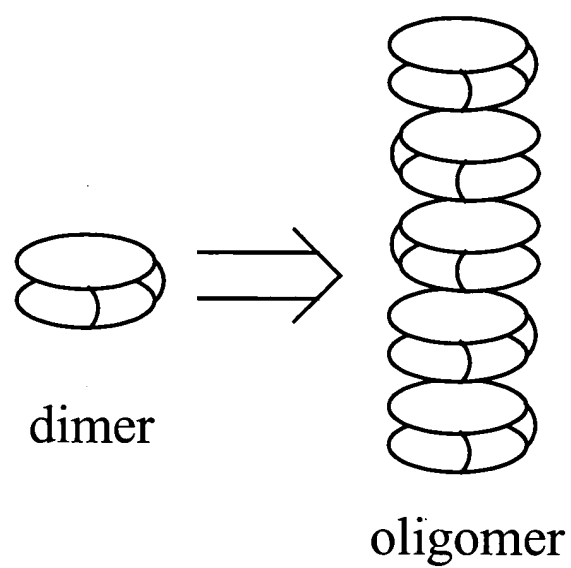


Figure 9



(a)



(b)

Figure 10

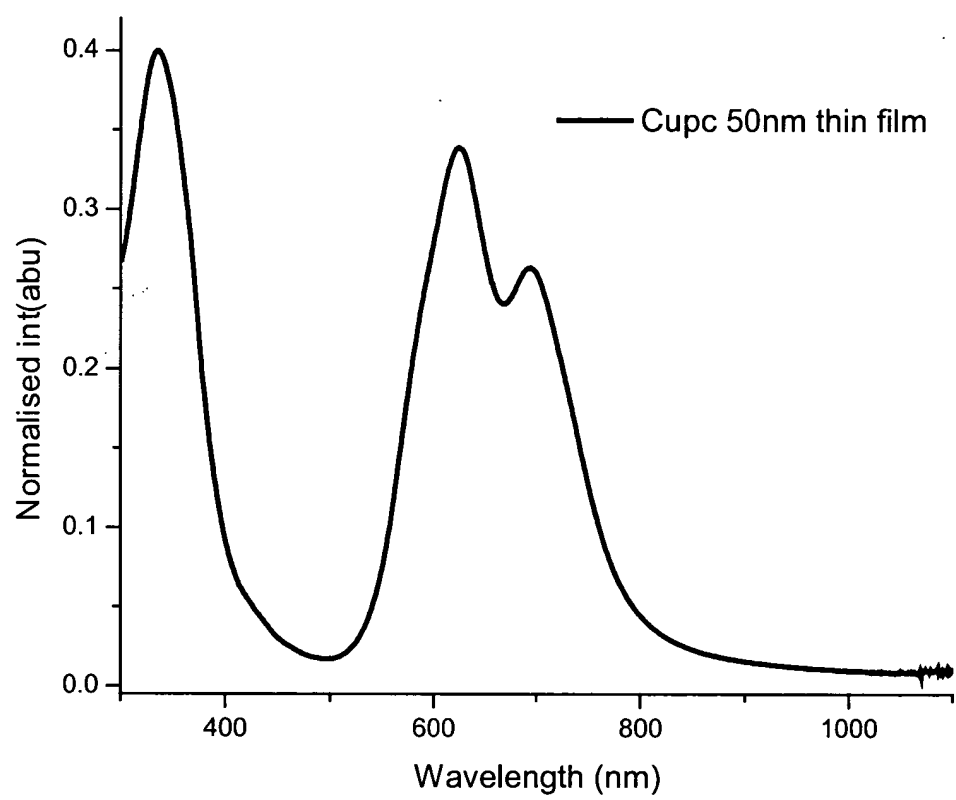


Figure 11

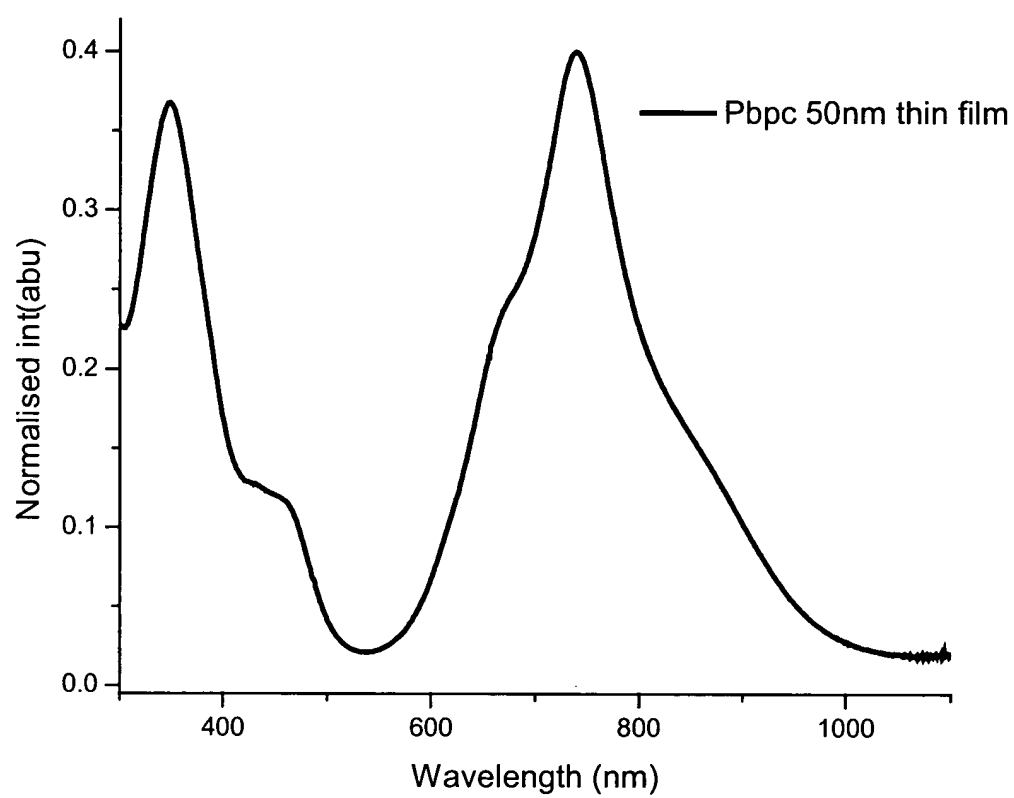


Figure 12

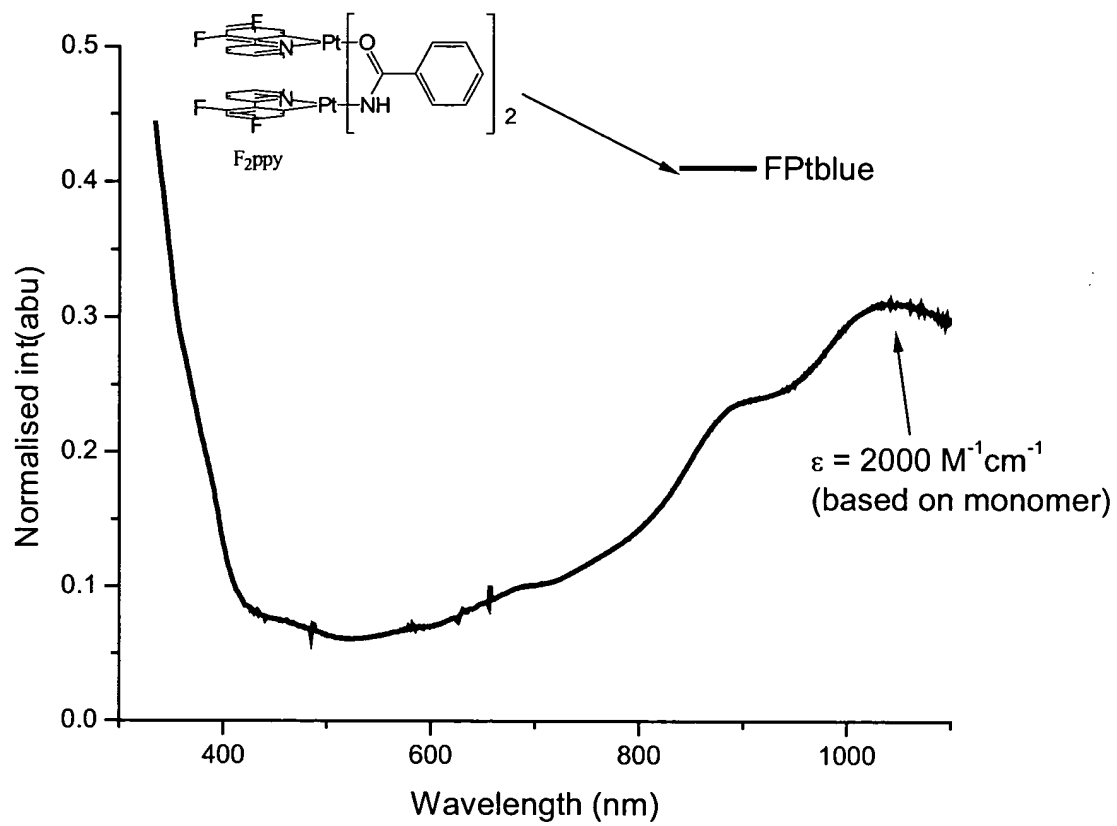


Figure 13

Absorption spectrum-ligands

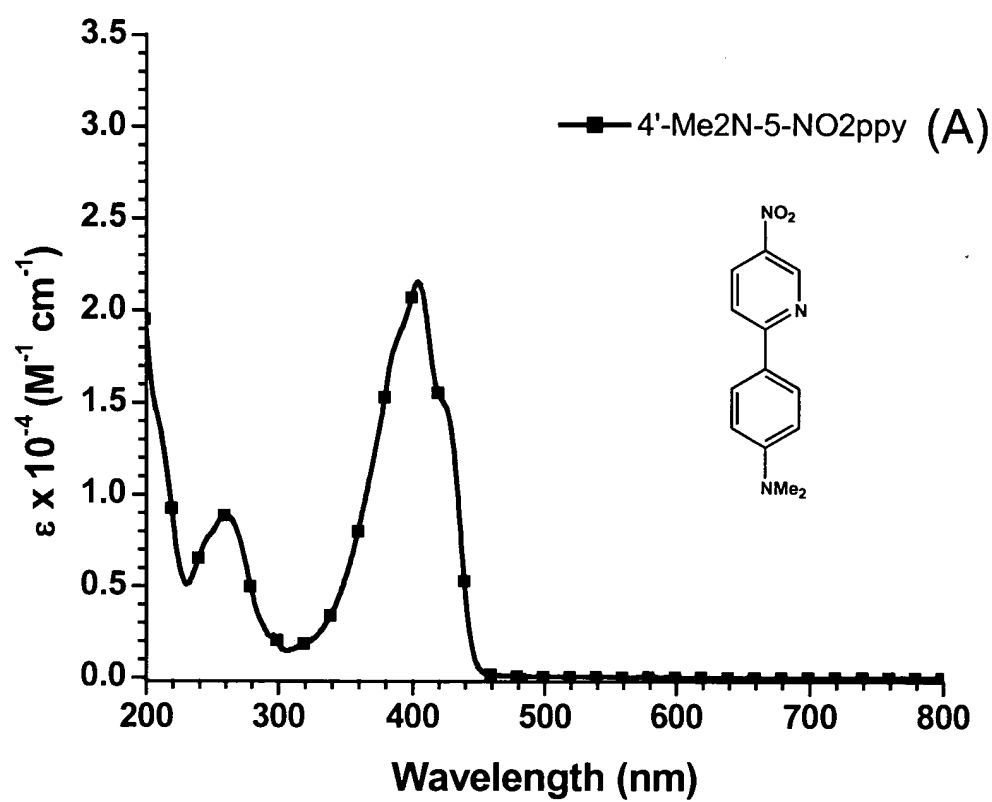


Figure 14

Absorption spectrum-ligands

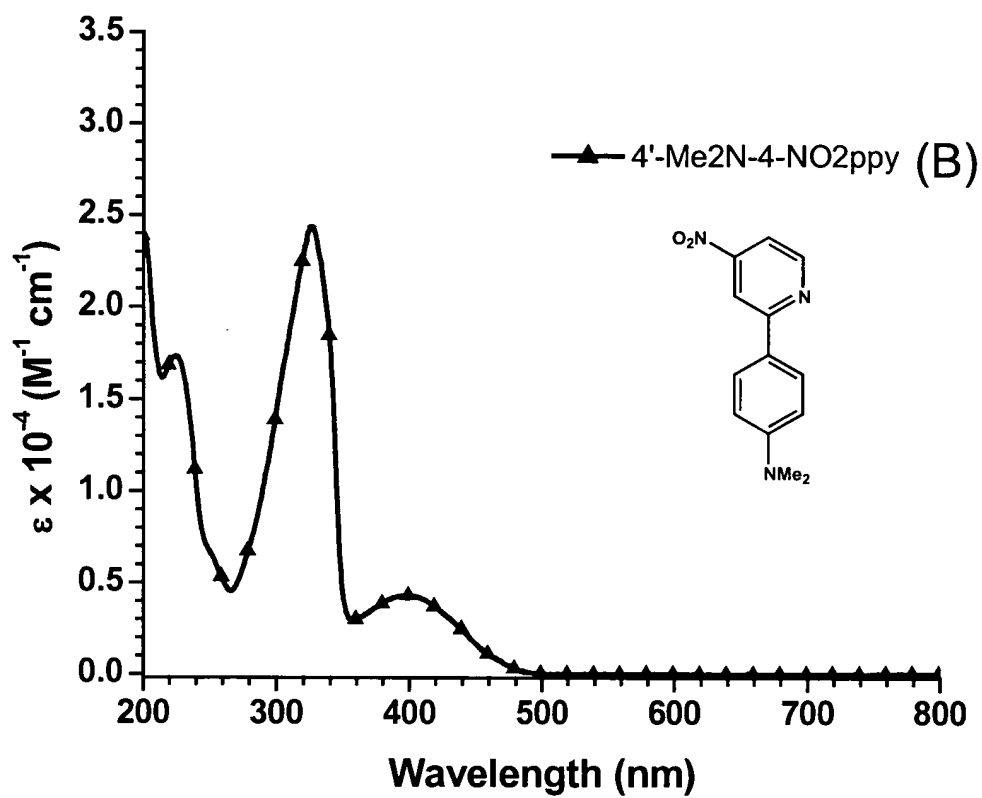


Figure 15

Absorption spectrum-ligands

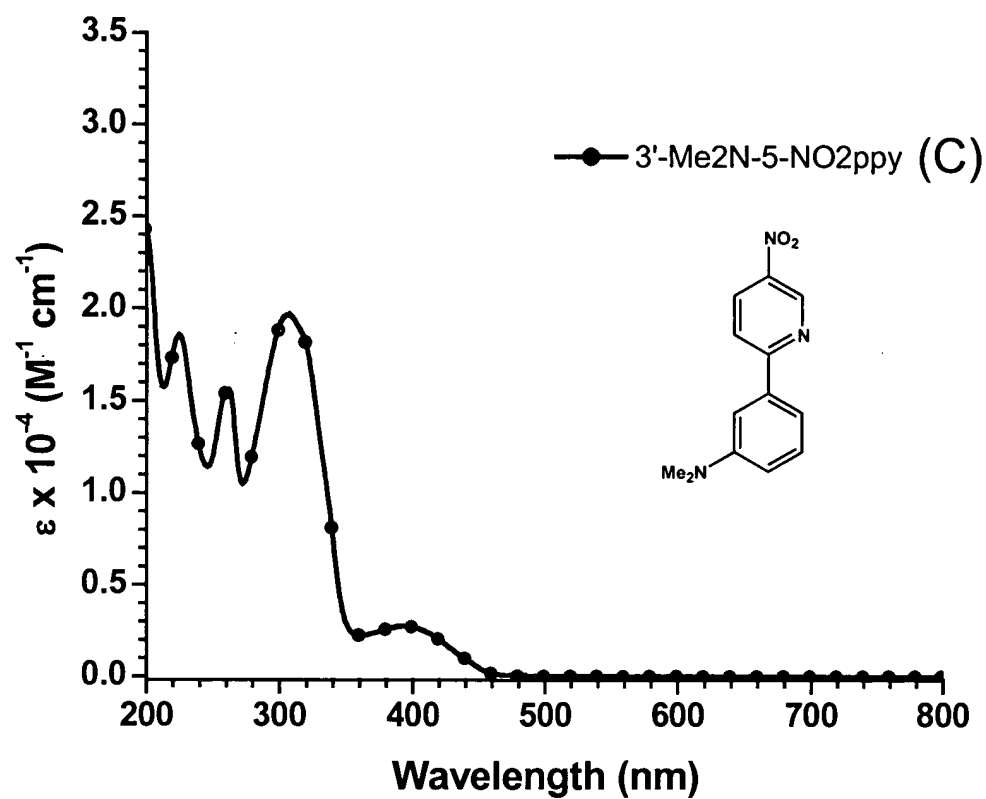


Figure 16

Absorption spectrum-ligands

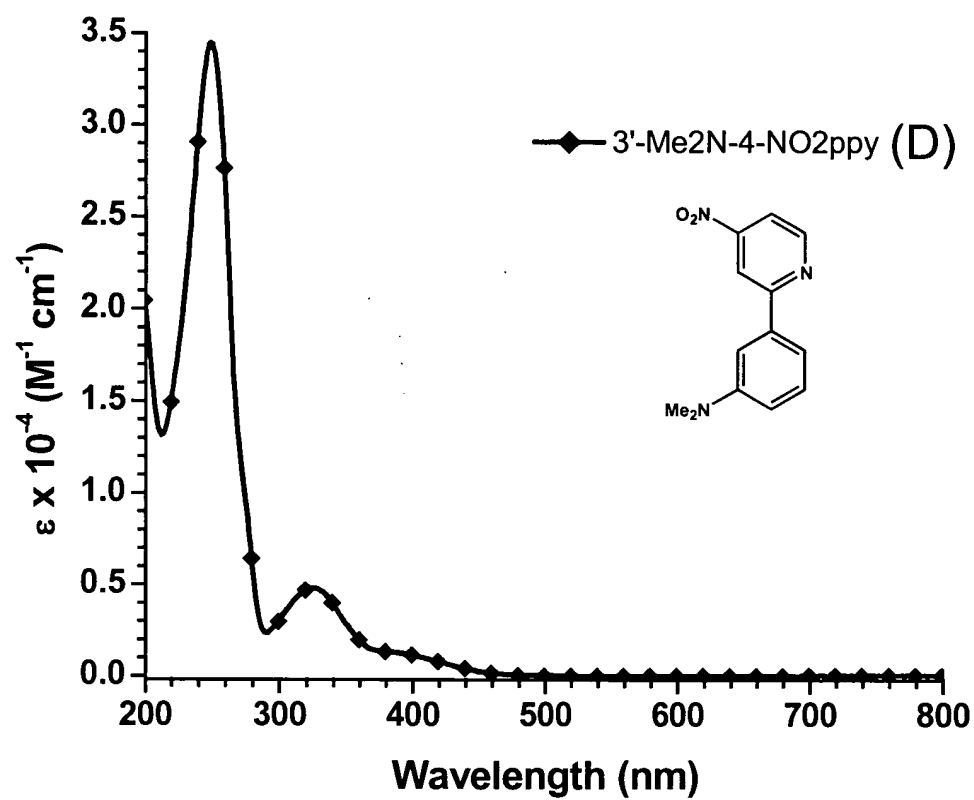


Figure 17

Absorption spectrum-Pt complexes

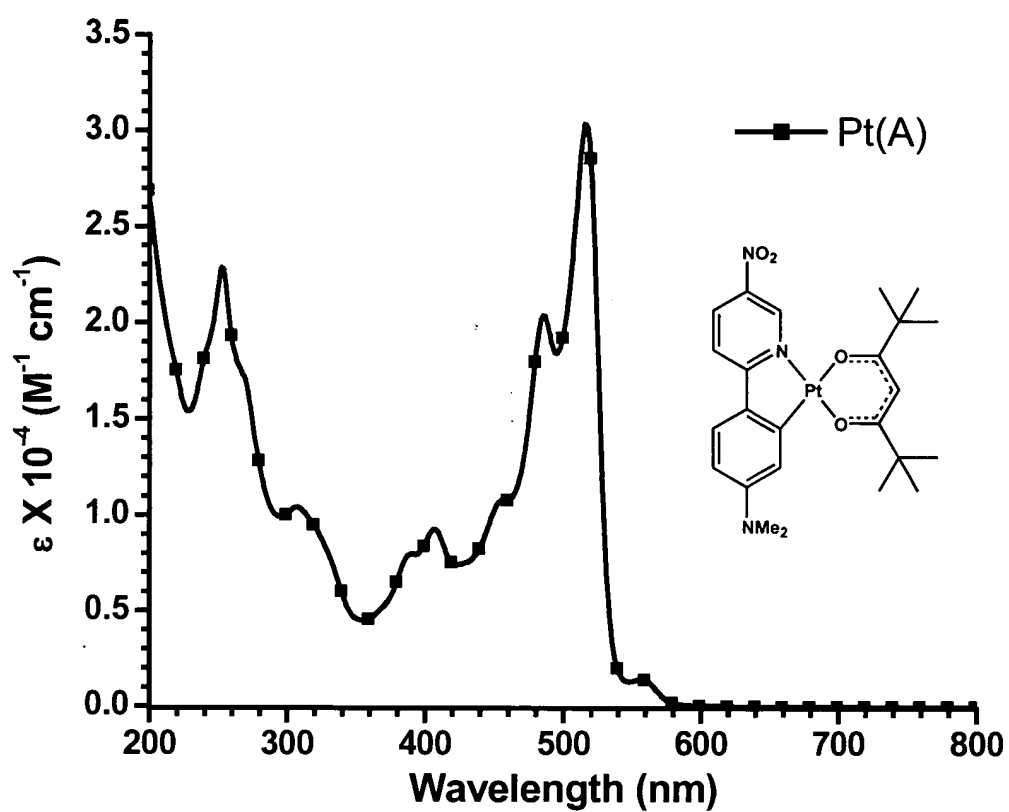


Figure 18

Absorption spectrum-Pt complexes

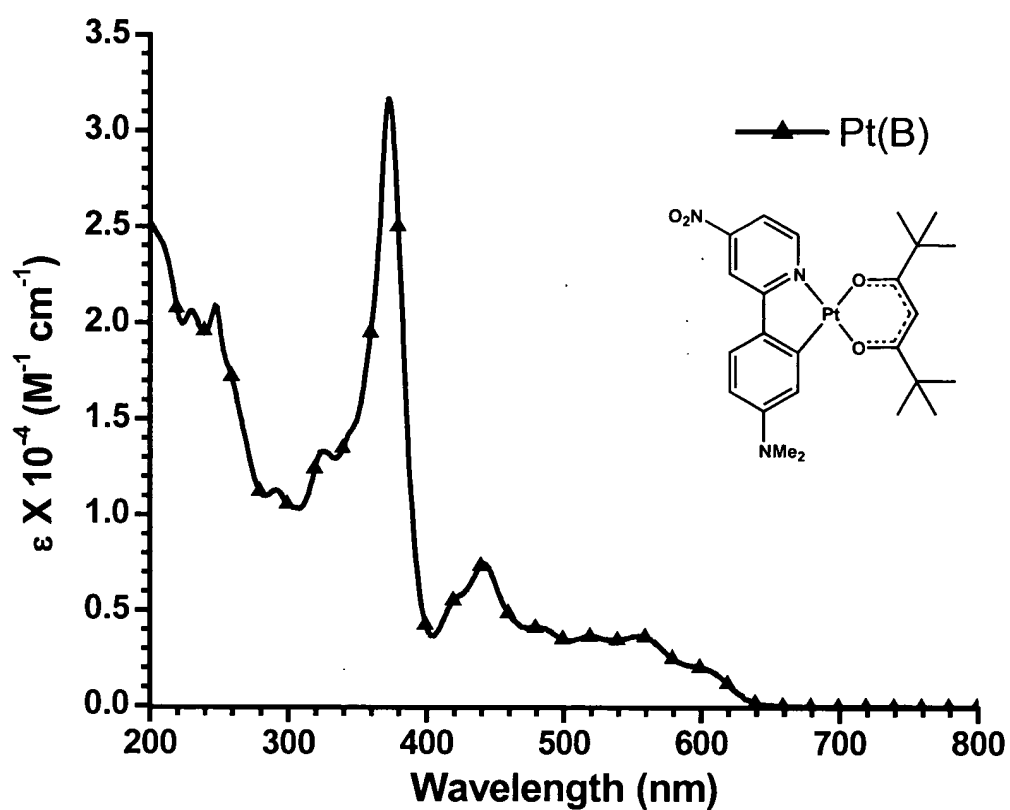


Figure 19

Absorption spectrum-Pt complexes

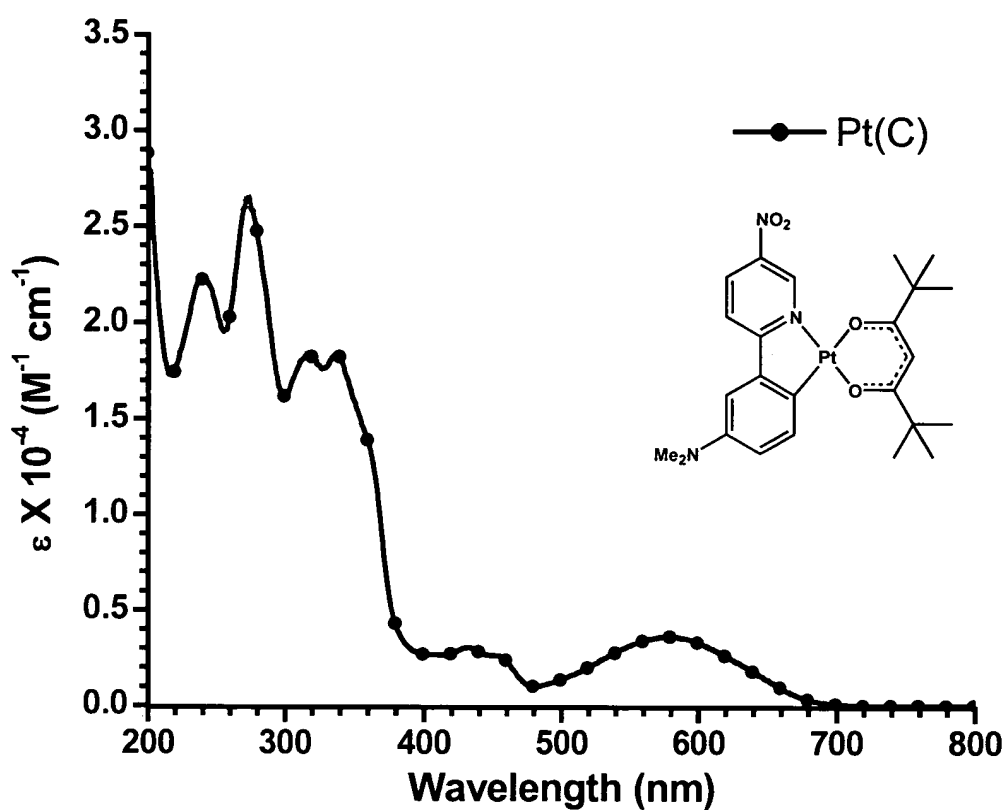


Figure 20

Absorption spectrum-Pt complexes

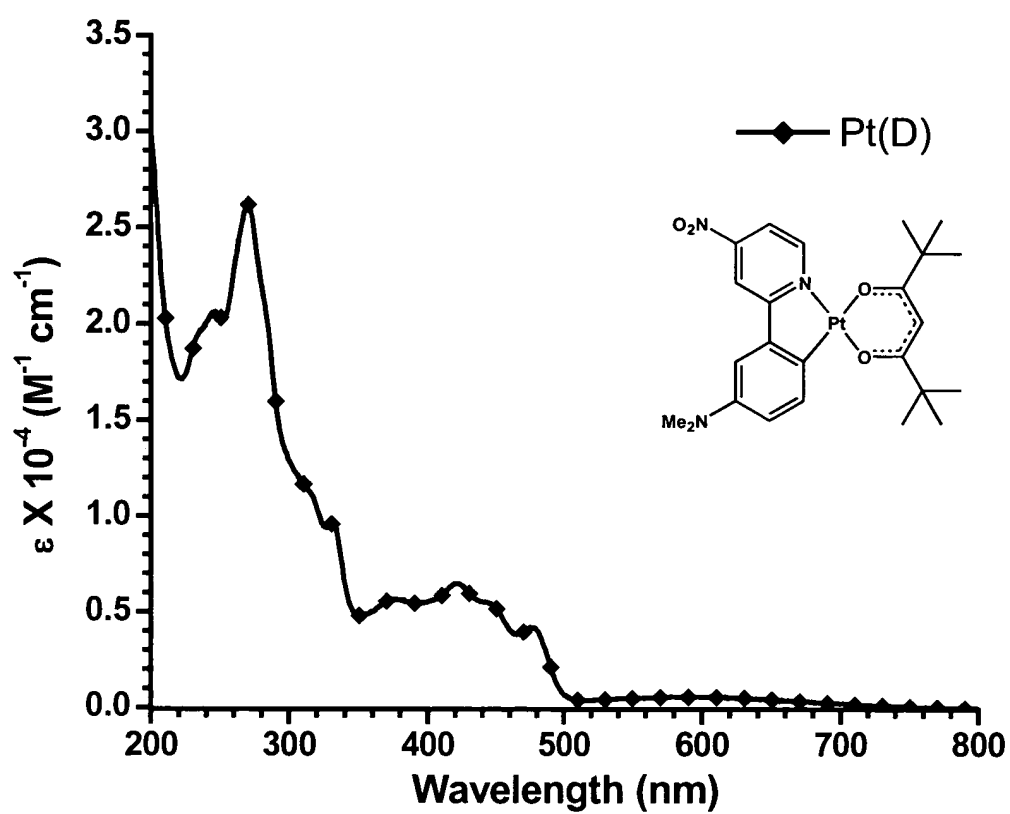


Figure 21

Absorption spectrum-Ir complexes

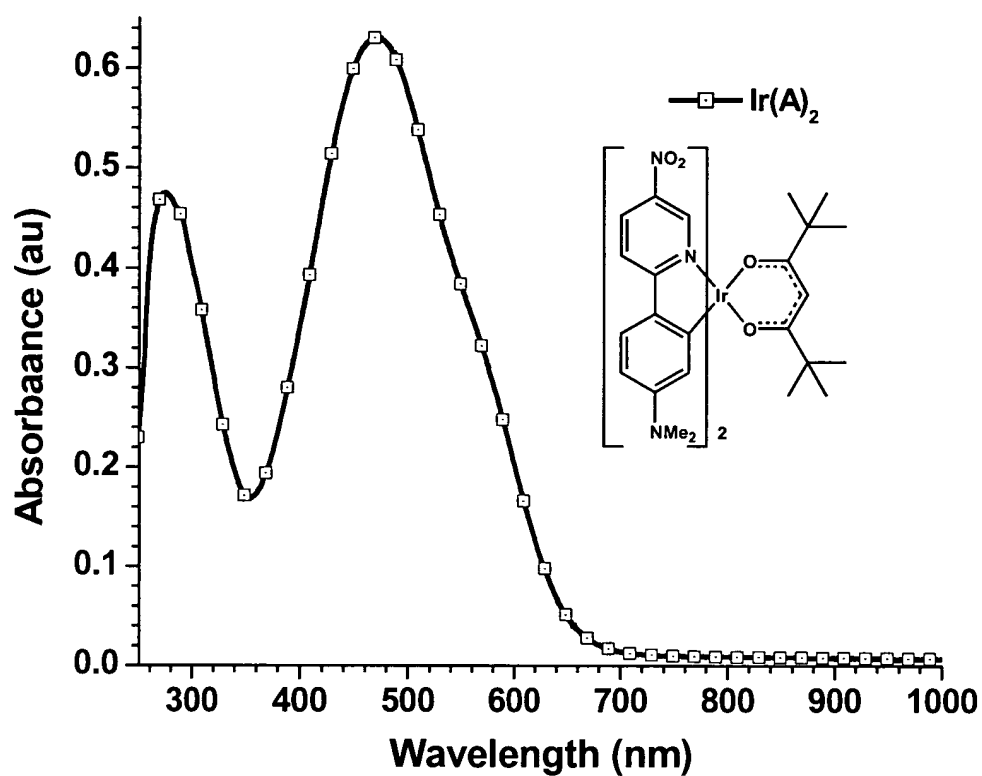


Figure 22

Absorption spectrum-Ir complexes

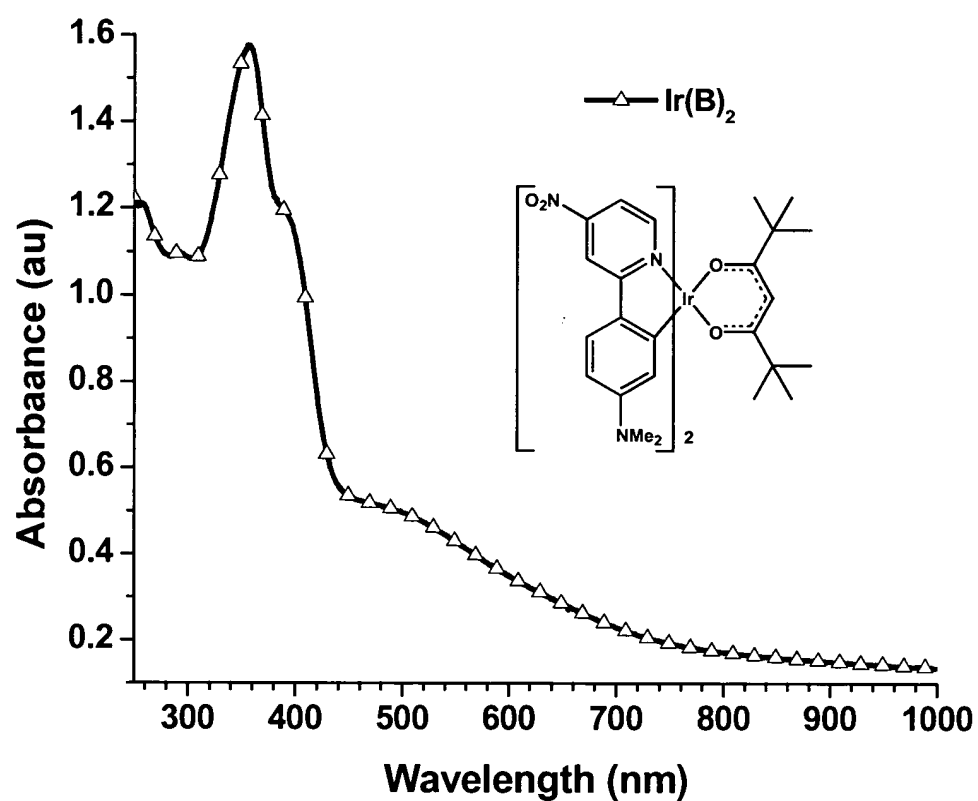


Figure 23

Absorption spectrum-Ir complexes

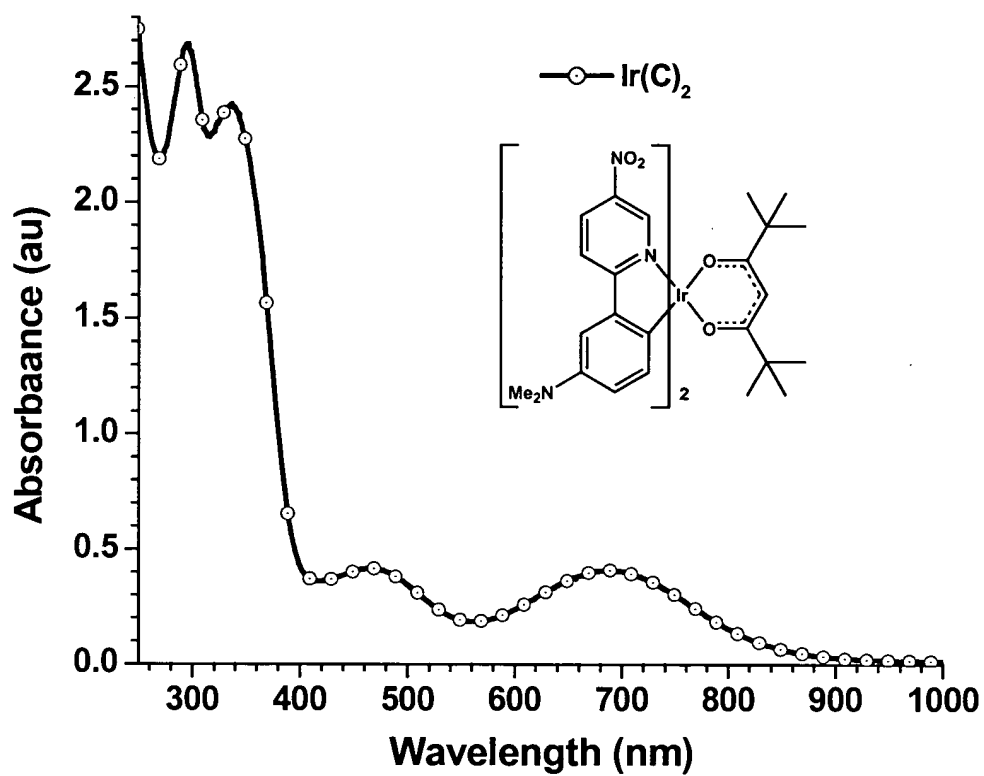


Figure 24

Absorption spectrum-Ir complexes

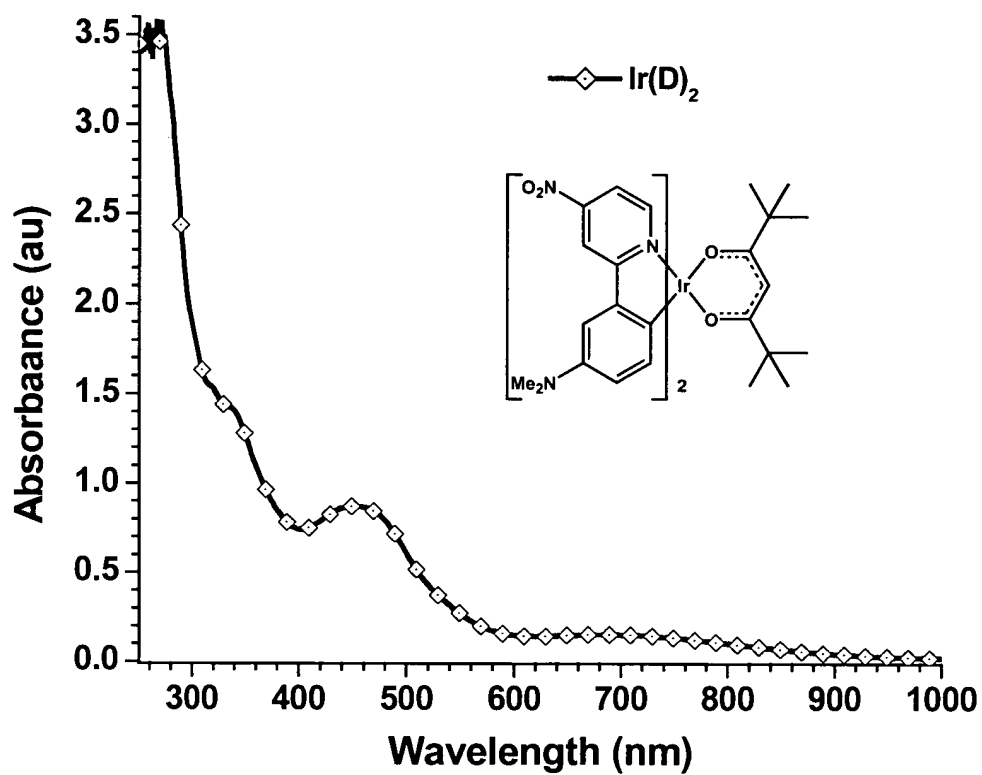


Figure 25

Emission spectrum-Pt complex

in 2-MeTHF @ 77K

